

REMARKS

I. Status Of Claims

Claims 1-12 are pending in the present application. Claim 1 has been amended. Therefore, upon entry of this Amendment, Claims 1-12 will be pending. No new matter has been introduced by the present amendment. Reconsideration of the application as amended and based on the arguments set forth hereinbelow is respectfully requested.

II. Claim Objections

Claim 1 stands objected to because the term "PCT" at line 1 should be "PCI". (Official Action, page 2.) Applicant has amended Claim 1 to replace the term "PCT" with "PCI". Therefore, applicant respectfully submits that the objection to Claim 1 should be withdrawn.

III. Claim Rejections Under 35 U.S.C. §§ 102 and 103

Claims 1-7 and 12 stand rejected by the Examiner under 35 U.S.C. §102(e) as being anticipated by U.S Patent No. 6,091,617 to Moran (hereinafter, "Moran"). Further, Claims 8-11 stand rejected by the Examiner under 35 U.S.C. §103(a) as being unpatentable over Moran. These rejections are respectfully traversed.

Claim 1 recites a PCI bus interface circuit for the voltage supply of a PCI plug-in card that can be connected to a PCI bus. Further, Claim 1 recites that the PCI bus interface circuit comprises first and second inputs, an output, and first, second and third switching devices. Claim 1 recites that the first input is for connecting to a main voltage

supply line of the PCI bus. Further, Claim 1 recites that the second input is for connecting to an auxiliary voltage supply line of the PCI bus. The output is for outputting a supply voltage to the PCI plug-in card. The first switching device is for switching a main supply voltage that is present at the first input to the output if no auxiliary supply voltage V_{aux} is present at the second input. The second switching device is for switching an auxiliary supply voltage V_{aux} that is present at the second input to the output if no main supply voltage V_{cc} is present at the first input. Claim 1 also recites that the third switching device, which, given the simultaneous presence of a main supply voltage V_{cc} at the first input and an auxiliary supply voltage V_{aux} at the second input, drives the second switching device for switching the auxiliary supply voltage V_{aux} through to the output. Summarily, Moran fails to teach or suggest the Claim 1 feature of utilizing information regarding the presence of main supply voltage V_{cc} and an auxiliary supply voltage V_{aux} at inputs for determining whether to activate switching devices.

Moran is directed to a power supply system for a PCI adapter. The system includes a V_{aux} input **202a** and a V_{cc} input **202b**. (Moran, column 2, lines 37-43.) The presence of a positive voltage at V_{aux} input **202a** connects V_{aux} to the PCI adapter and disconnects V_{cc} from the PCI adapter. (Moran, column 2, lines 43-49.) In contrast, the absence of positive voltage at V_{aux} input **202a** disconnects V_{aux} from the PCI adapter and connects V_{cc} to the PCI adapter. (Moran, column 2, lines 50-52.) Accordingly, any time V_{aux} is present at V_{aux} input **202a**, it will be used as the power supply to the PCI adapter. (Moran, column 2, lines 62-64.) In the absence of V_{aux} is present at V_{aux} input **202a**, V_{cc} is used as the power supply to the PCI adapter. (Moran, column 2, lines 64

and 65.) Therefore, the PCI adapter will never be simultaneously connected to both V_{aux} and V_{aux} . (Moran, column 2, lines 65-67.)

In contrast, Claim 1 requires utilizing information about the presence of both a main supply voltage V_{cc} at a first input and an auxiliary supply voltage V_{aux} at a second input for determining whether to activate switching devices. Moran teaches utilizing information about the presence of a single supply voltage at an input. In particular, Moran teaches utilizing information regarding the presence of V_{aux} at V_{aux} input **202a** for operating a switching device. However, Moran provides no teaching or suggestion of also utilizing information regarding the presence of a second voltage V_{cc} at V_{cc} input **202b** for operating a switching device. Therefore, Moran fails to teach each and every feature recited by Claim 1. Further, applicant respectfully submits that Moran fails to suggest the features recited by Claim 1.

Claims 2-12 depend from Claim 1. Therefore, the comments presented above relating to Claim 1 apply equally to Claims 2-12.

Applicant respectfully submits that the teachings of Moran does not teach or suggest each and every feature of the present subject matter, and therefore that Claims 1-12 are not anticipated or obvious in view of the Moran. Applicant, therefore, respectfully requests that the rejection of Claims 1-12 under 35 U.S.C. §§ 102 and 103 be withdrawn and the claims allowed at this time.

CONCLUSION

In light of the above amendments and remarks, it is respectfully submitted that the present application is now in proper condition for allowance, and such action is earnestly solicited.

If any minor issues should remain outstanding after the Examiner has had an opportunity to study the Amendment and Remarks, it is respectfully requested that the Examiner telephone the undersigned attorney so that all such matters may be resolved and the application placed in condition for allowance without the necessity for another Action and/or Amendment.

DEPOSIT ACCOUNT

Although it is believed that no fee is due, the Commissioner is hereby authorized to charge any deficiencies of payment associated with the filing of this Response to Deposit Account No. 50-0426.

Respectfully submitted,

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